

## **ABSTRACT OF THE INVENTION**

A method and system allows nodes on different segments to communicate with one another as if they were on a single segment. In one implementation, an intermediate computer linked in communication with the different segments relays data between the nodes and selectively substitutes the hardware addresses of its own network interface cards for the hardware addresses of the nodes themselves. The nodes are then able to communicate with one another using hardware addresses of the intermediate computer while still using their own network addresses.